



# SMC6 mouse mAb

Catalog No	BYmab-10252
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	SMC6 SMC6L1
Protein Name	Structural maintenance of chromosomes protein 6 (SMC protein 6) (SMC-6) (hSMC6)
Immunogen	Synthesized peptide derived from human SMC6 AA range: 719-769
Specificity	This antibody detects endogenous levels of human SMC6
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Nucleus . Nucleus speckle . Chromosome . Nucleus, PML body . Chromosome, telomere . Colocalizes with SMC5 on the X-Y chromosome pair within the sex vesicle during late pachytene/diplotene (By similarity). Localizes to PML nuclear bodies in ALT cell lines (PubMed:17589526). Associates with chromatin (PubMed:25931565). Accumulates with RAD18 and the SLF1-SLF2 complex at replication-coupled DNA interstrand repair and DNA double-strand breaks (DSBs) sites on chromatin in a ubiquitin-dependent manner (PubMed:25931565). Localizes in interchromatin granule clusters (PubMed:11408570). .
Tissue Specificity	Widely expressed (PubMed:11408570). Strongly expressed in testis (PubMed:11408570).
Function	
Background	

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**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images